Mackenzie Browne

Full Stack and Mobile Developer Amsterdam

Organized, lifelong learner who likes difficult challenges. Self-motivated, enjoys working independently and with teams. Uses a curated collection of tools and automation to make development / testing / deployment efficient. Approaches problems holistically and pragmatically, solving real issues not just symptoms.

Experience

Shopify
Amsterdam

Senior Engineer - Retail June 2022 - Present

- Develop new features and improve the Shopify POS system
- Expand the Shopify POS system to more regions and tax jurisdictions
- Mobile application development with React Native and Kotlin Multiplatform
- Web Development With ReactJS
- Backend Development with Ruby on Rails

Workiva
Amsterdam

Senior Engineer - Global Solutions October 2021 - June 2022

- Part of a small, fast-moving, customer-focused development team focused on implementing high-priority new features for the company's largest customers
- Work closely with Customers to discover new solutions and features that can benefit all users
- Influence development culture in positive ways and bring best practices from past experiences into Workiva
- Gather feedback from customers to further improve services for global customers
- Design, develop, test and deliver those solutions in a span of days/weeks
- Grow the Europe engineering team. Resume screenings and interviews

Nationale Nederlanden
Amsterdam

Senior Engineer and Team Lead - Architecture and Innovation July 2020 - September 2021

- Enable, Improve and Educate development teams with new techniques and practices to establish a mature development culture and community across the company.
- Work across multiple product teams to improve quality, performance, testing and deployment by building optimised, re-usable solutions.
- Conduct interviews and other hiring practices for different teams. Focused on improving the overall development skills and abilities across the company.
- Team Lead in building a design system and shared component library in React Native.
- Team Lead on mobile development team building new features for an already-established app.
- Design and Implement a re-usable, standardised CI/CD pipeline for testing and deployment.

Elsevier
Amsterdam

Senior Engineer - Scopus Core Team Feb 2020 - June 2020

- Planned, Designed and Implemented a company-specific command line interface to improve development processes and save time for developers across the team.
- Primary Focus is involvement in major web stack migration.
- Mentoring and 1 on 1's for junior / intermediate developers.
- Performing interviews to grow the team.

Prodigy Education
Toronto

Senior Engineer and Team Lead - Game Mar 2019 – Sep 2019

- Drastically improve the mobile app development and quality assurance experience by developing tools that improve the efficiency of internal teams.
- Improve user experience by building mobile-specific features as well as improving any mobile usability issues and bugs.
- Design and Implement and Configure automation pipelines for QA, builds and deployment.
- Facilitate cross-team collaboration to improve the mobile experience in all parts of the app.
- Code mentor for several junior developers in the company.

Contact

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Portfolio

syrup.life
github.com/mackbrowne
mackbrowne.com

Skills

Single Page Apps
Native and Hybrid Apps
REST Development
Continuous Integration
Unit and E2E Testing
Customer Facing Pages
Responsive Design
Agile, Kanban and Scrum
Git Flow and Monorepos

Frameworks

`ReactJS` `Hooks / Context`
`Redux` `Styled-Components`
`Jest` `Cypress` `NodeJS`
`Typescript` `GraphQL` `Bootstrap`
`React-Native` `Expo` `Cordova`
`MeteorJS` `Angular`

Services

`AWS` `Firebase` `JIRA` `CircleCI`
`Google Play` `Apple Developer`
`Stripe` `Maps` `OAuth` `Unity`

Tools

`Git` `VSCode` `Jenkins` `Vim`
`Prettier` `Lighthouse` `Axe`

Languages

`Javascript` `Typescript` `ES6`
`MongoDB` `Java` `Python`
`GraphQL` `SQL` `Clojure` `C++`

- Full Stack Development using React, Node and GraphQL
- Mobile Development with React Native
- Develop new features and improve the Admin/Principal user experience.
- Develop several in-house tools to improve productivity and integrate Github and CI communication through slack.

Novus Health
Toronto

Lead Frontend Developer
Oct 2017 – Jun 2018

- Support and maintain a commercial website, internal dashboard and CMS, authentication, analytics/testing.
- Designed a maintainable, reproducible white-labelled app template that can be used across the multiple product lines to dramatically reduced the amount of maintenance and bugs
- Train interns and other employees with pair programming and code reviews

Self Incorporated Consultant
Canada, USA (On-Site and Remote)

Full Stack, Mobile Developer and Architect
August 2011 – June 2017

- Full-time contracting. Initial requirements meetings through to final product, including maintinence and upgrades
- Built Mobile Apps, Websites and Hardware projects involving GPS, Bluetooth and VR
- Perform interviews for hiring and develop strategies to grow teams over time
- Clients included IBM, NYPD, Syfy/Space Channel, NBC, Hatch, many small startups, nonprofits in Toronto

Education

University Of Ontario Institute of Technology
Oshawa, Canada

Bachelor Of Science with Honours
2007 - 2012

- Computer Science with minor in Mathematics. Thesis involving concurrent, multi-core web crawling
- 16 Month Internship in Web Application Development at IBM